

ECS Configuration Change Request

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Page(s)

1. Originator Sukhada Gore	2. Log Date: 3/26/02	3. CCR #: 02-0250	4. Rev: —	5. Tel: 301-925-0638	6. Rm #: 2009J	7. Dept. DEV/CO
8. CCR Title: Patch_6A.05_ESDT.16_MOPITT for LaRC DAAC only. Contains fix for Severity 5 NCRs : ECSed33705, ECSed33716 and ECSed33361. Created 6 new MOPITT Version 3 ESDT descriptors. Created new INGEST db entries.						
9. Originator Signature/Date Sukhada Gore /s/ 3/26/02			10. Class II	11. Type: CCR	12. Need Date: 26Mar02	
13. Office Manager Signature/Date Arthur Cohen /s/ 3/26/02			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:			17. Schedule Impact:		18. CI(s) Affected: SDSRV/ESDT/INGEST	
19. Release Affected by this Change: 6A		20. Date due to Customer: 26Mar02		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 33705, 33716, 33361						
23. Problem: (use additional Sheets if necessary) St=V, Sv=5, Bug id = ECSed33705, Desc: MOPITT - Request ESDTs Version 3 St=V, Sv=5, Bug id = ECSed33716, Desc: MOPITT version 3 datatype entries needed in Ingest database St=V, Sv=5, Bug id = ECSed33361, Desc: MOPITT data types need to be added to Ingest polling interf						
24. Proposed Solution: (use additional sheets if necessary) Provide as Patch_6A.05_ESDT.16_MOPITT for LaRC DAAC Only. This also contains a fix for NCR 33361: INGEST database script. ESDT descriptors related to this INGEST database patch have already been delivered to LaRC. They are as follows : DsESDTMpMOPLAnc.001.desc, DsESDTMpMOPDisRd.001.desc, DsESDTMpMOPCrScn.001.desc						
25. Alternate Solution: (use additional sheets if necessary) Delay testing by science teams; wait until next full system delivery						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Delays in testing ESDTs at the DAACs or possible delays in INGEST of data.						
27. Justification for Emergency (If Block 15 is "Emergency"): ESDTs are needed at the LaRC DAAC for immediate testing.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:				30. Work Assigned To:		31. CCR Closed Date:
32. EDF/SCDV CCB Chair (Sign/Date): A. Abtahi /s/ 3/26/02		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): Debra Stepp /s/ 3/26/02		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

ADDITIONAL SHEET

CCR #: 02-0250 **Rev:** — **Originator:** Sukhada Gore

Telephone: 301-925-0638 **Office:** 2009J

Title of Change: Patch_6A.05_ESDT.16_MOPITT for LaRC DAAC only. Contains fix for Severity 5 NCRs : ECSed33705, ECSed33716 and ECSed33361. Created 6 new MOPITT Version 3 ESDT descriptors. Created new INGEST db entries.

Actions

Clearcase

Please build SUN tar file from 6A.05 baseline for the following files :

```
/ecs/formal/ESDT/Mp:  
DsESDTMpMOP01.003.desc  
DsESDTMpMOP01ES.003.desc  
DsESDTMpMOP01QE.003.desc  
DsESDTMpMOP02.003.desc  
DsESDTMpMOP02Q.003.desc  
DsESDTMpMOPCH.003.desc
```

Also,
please build IRIX tar file from 6A.05 baseline for the following file :

```
/ecs/formal/INGEST/common/src/sybase/  
EcInDbESDT_NCR33716.sql  
EcInDbESDT_NCR33361.sql
```

Please name the tar file Patch_6A.05_ESDT.16_MOPITT

This is for LaRC DAAC only.

DAAC INSTALL INSTRUCTIONS

Untar both the SUN and IRIX tar file.

To install INGEST database patch :

1. Login to the Ingest host .
2. cd /usr/ecs/<MODE>/CUSTOM/dbms/INS
3. cp <staging_area>/EcInDbESDT_NCR33361.sql .
4. cp <staging_area>/EcInDbESDT_NCR33716.sql .
5. chmod 755 EcInDbESDT_NCR33361.sql
6. chmod 755 EcInDbESDT_NCR33716.sql
7. Run the script by entering the following:

```
EcInDbESDT_NCR33361.sql <MODE> <USERNAME> <SERVER> <DBNAME>
```

where: MODE is OPS, TS1 or TS2

USERNAME is the dbo for the Ingest Database (ingest_role)

SERVER is the sybase server name for the Ingest Database

DBNAME is the name of the current Mode database (Ingest for OPS, Ingest_TS1 or Ingest_TS2)

You will be prompted for a Password. Enter the DBO password for the database.

A log will be put in the /usr/ecs/<MODE>/CUSTOM/logs directory

8. Run the script by entering the following:

```
EcInDbESDT_NCR33716.sql <MODE> <USERNAME> <SERVER> <DBNAME>
```

where: MODE is OPS, TS1 or TS2

USERNAME is the dbo for the Ingest Database (ingest_role)

SERVER is the sybase server name for the Ingest Database

DBNAME is the name of the current Mode database (Ingest for OPS, Ingest_TS1 or Ingest_TS2)

You will be prompted for a Password. Enter the DBO password for the database.

A log will be put in the /usr/ecs/<MODE>/CUSTOM/logs directory

To install the ESDT descriptor files :

1. Logon to the sdsrv host
2. cd /usr/ecs/<MODE>/CUSTOM/data/ESS/
3. cp -p <staging_area>/<descriptor file name> .
4. chmod 644 <descriptor file name>

Note : All the MODIS ESDT descriptors are new, and they have to be installed

5. To install the ESDT descriptors, use the Science Data Server GUI.

6. Remember that for an install of an ESDT (NOT FOR UPDATES), an insert for each ESDT should be done through the SDSRV GUI. It is NOT recommended that these entries be made via an isql insert!!!! One ESDT per GUI entry.

7. Remember to make changes as necessary for new Volume Groups as well!!!!!!

8. Re-start SDSRV.

Note : This CCR contains a fix for NCR 33361 : INGEST database script

ESDT descriptors related to this INGEST database patch have already been delivered to LaRC. They are as follows :

DsESDTMpMOPLAnc.001.desc

DsESDTMpMOPDisRd.001.desc

DsESDTMpMOPCrScn.001.desc